

Claims:

1. A variable nozzle device comprising:
an annular nozzle passage (5) formed by a gap between
5 two opposing wall members (1, 3); and
at least one vane (7) extending in said nozzle passage
(5) and being rotatably supported,
wherein said vane (7) is formed by a sheet metal contour
and attached to a shaft (9).
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2. A variable nozzle device according to claim 1, wherein
said vane (7) is formed by wrapping a strip of said sheet
metal so as to form said contour as a loop.
- 15 3. A variable nozzle device according to claim 1 or 2,
wherein a downstream tip (25) of said vane (7) is formed by
joining two ends of said strip of said sheet metal.
4. A variable nozzle device according to claim 3, wherein
20 said two ends of said strip of said sheet metal are joined by
spot welding.
5. A variable nozzle device according to one of claims 1-4,
wherein said shaft (9) extends into said sheet metal contour
25 being attached at least to an outer peripheral portion of
said shaft (9).
6. A variable nozzle device according to claim 5, wherein
said sheet metal contour is attached to said shaft (9) by
30 spot welding at two peripheral portions of said shaft (9),
which are diametrically opposed to each other.
7. A variable nozzle device according to one of claims 1-6,
wherein at least a portion of said shaft (9) protrudes beyond
35 an edge of said sheet metal contour by a predetermined amount

so as to form a stepped portion (21) contactable to one of said opposing wall members (1; 3) thereby separating said sheet metal contour from said one of said opposing wall members (1; 3).

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8. An exhaust gas turbine comprising a variable nozzle device according to one of claims 1 to 7 and a turbine wheel which is drivable by exhaust gas passed through the annular nozzle passage of said variable nozzle device.

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9. Turbocharger comprising an exhaust gas turbine according to claim 8.

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